Remarks

Applicants respectfully request entry of the above amendments and consideration of the application, as amended. After entry of the amendments, claims 1-3 and 6-74 are pending. Claims 4 and 5 have been rewritten as claims 27 and 51, respectively. Support for the new claims can be found throughout the specification (e.g., pages 11-31), and therefore, no new matter has been added.

Additionally, claim 3 has been amended for antecedent basis, and paragraph 3 on page 46 has been amended to correct a grammatical error.

In addition, paragraph 1 on page 64 has been amended to correct two typographical errors. The first is to indicate the correct number of iterations for the equation. As shown in the examples, if there are 3 equidistant servers, then there are 3 iterations. Since k begins at 0, it should state: "or k=0 to the number of servers-1," as supported by the examples in the specification. The second correction is to balance the parenthesis. Support for the amendments can be found throughout the specification (e.g., pages 64-66), and therefore, no new matter has been added.

In accordance with 37 C.F.R. 1.121, a version with markings to show changes made is provided on one or more pages separate from the amendment. These pages are appended at the end of the Amendment.

Should the Examiner have any questions regarding this application, please call applicants' attorney at the below listed number.

Respectfully submitted,

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Dated: April 12, 2002

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Version with markings to show changes made

In the Specification:

On page 1, paragraphs 2-5, lines 10-24 and page 2, paragraphs 1-3, lines 1-11 have been amended, as follows:

"Method, System And Program Products For Providing Clusters Of A Computing Environment," Novaes et al., (Docket No. POU9-2000-0021-US1), Serial No. [_____] 09/583,686, filed [herewith] May 31, 2000;

"Method, System And Program Products For Defining Nodes To A Cluster," Novaes et al., (Docket No. POU9-2000-0011-US1), Serial No. [_____] 09/583,582, filed [herewith] May 31, 2000;

"Method, System And Program Products For Ordering Lists Of Service Addresses To Provide Load Balancing Of A Clustered Environment," Novaes et al., (Docket No. POU9-2000-0010-US1), Serial No. [_____] 09/584,638, filed [herewith] May 31, 2000;

"Method, System And Program Products For Controlling System Traffic Of A Clustered Computing Environment," Novaes et al., (Docket No. POU9-2000-0008-US1), Serial No. [_____] 09/583,849, filed [herewith] May 31, 2000;

"Method, System And Program Products For Automatically Configuring Clusters Of A Computing Environment," Novaes et

al., (Docket No. POU9-2000-0005-US1), Serial No. [_____] 09/584,528, filed [herewith] May 31, 2000;

"Method, System And Program Products For Managing Identifiers Of Components Of A Clustered Environment," Novaes et al., (Docket No. POU9-2000-0007-US1), Serial No. [_____] 09/584,935, filed [herewith] May 31, 2000; and

"Method, System And Program Products For Managing Cluster Configurations," Novaes et al., (Docket No. POU9-2000-0096-US1), Serial No. [_____] 09/583,693, filed [herewith] May 31, 2000.

Paragraph 3 on page 46, lines 21-26 and lines 1-2 on page 47 has been amended as follows:

Thereafter, the resource controllers update the System Registry (Step 5, FIG. 15) with the configuration for the resources (e.g., hardware) that they control, and [notifies] notify the Resource Manager on the new node (Step 6, FIG. 15) that the update is complete. The Resource manager process then notifies the DCM (Step 8, FIG. 15), when it receives the completion status for this operation for the resource controllers that are registered with it.

Paragraph 1 on page 64, lines 1-8 has been amended as follows:

Next, the mapping index for one of the equidistant servers is calculated using a predefined equation, STEP

2408. In particular, for k=0 to the number of equidistant servers-1, the mapping index is equal to the [(node_number)mod(number_of_equidistant_servers)+k) mod(number_of_equidistant_servers)], where mod refers to the module operation defined as the integer remainder of a division operation.

In the Claims:

Claim 3 has been amended as follows:

3. (AMENDED) The system of claim 2, wherein said [one] at least one type of operation [is] comprises a write operation.

Claims 4 and 5 have been canceled.

New claims 6-74 have been added.